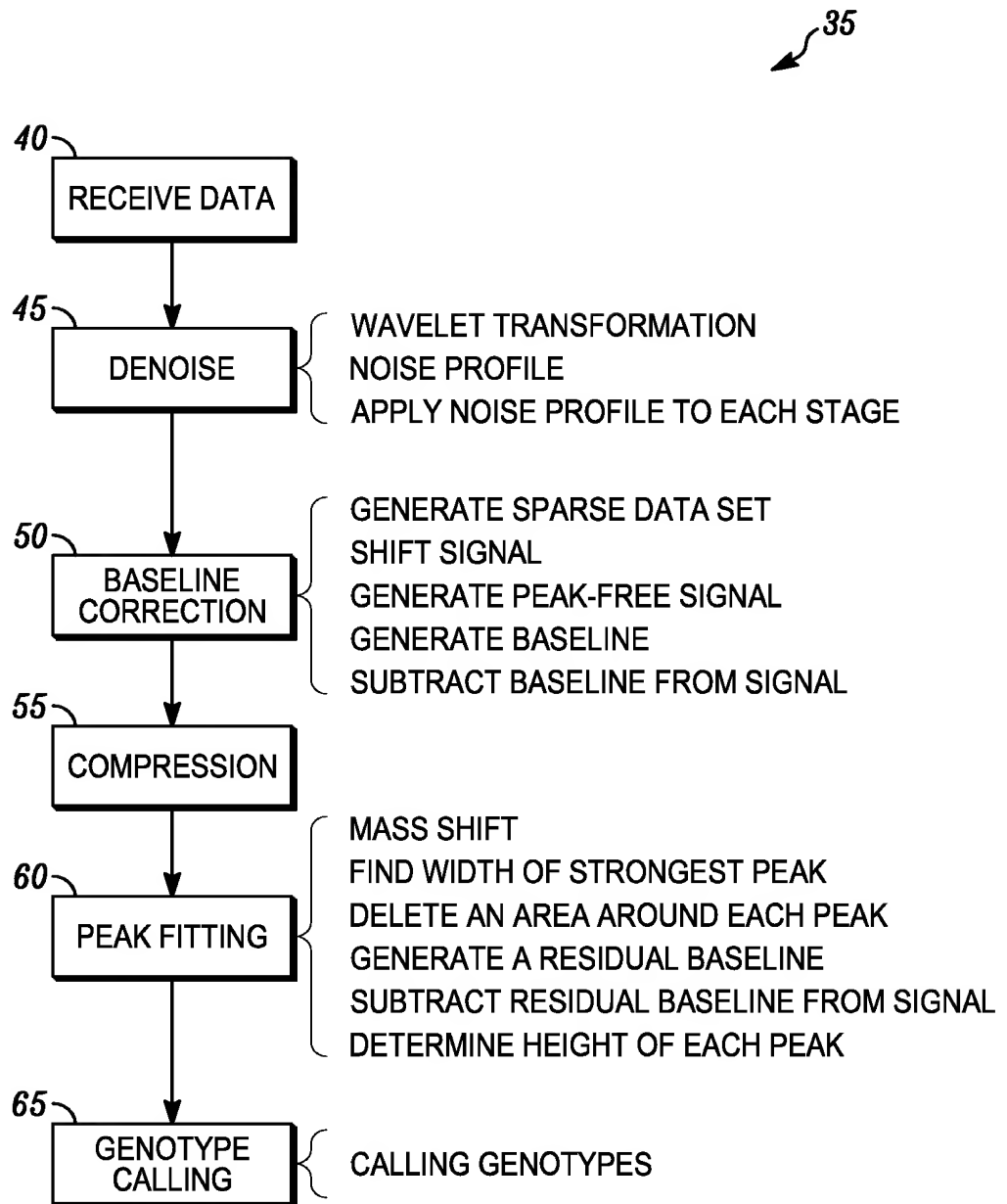
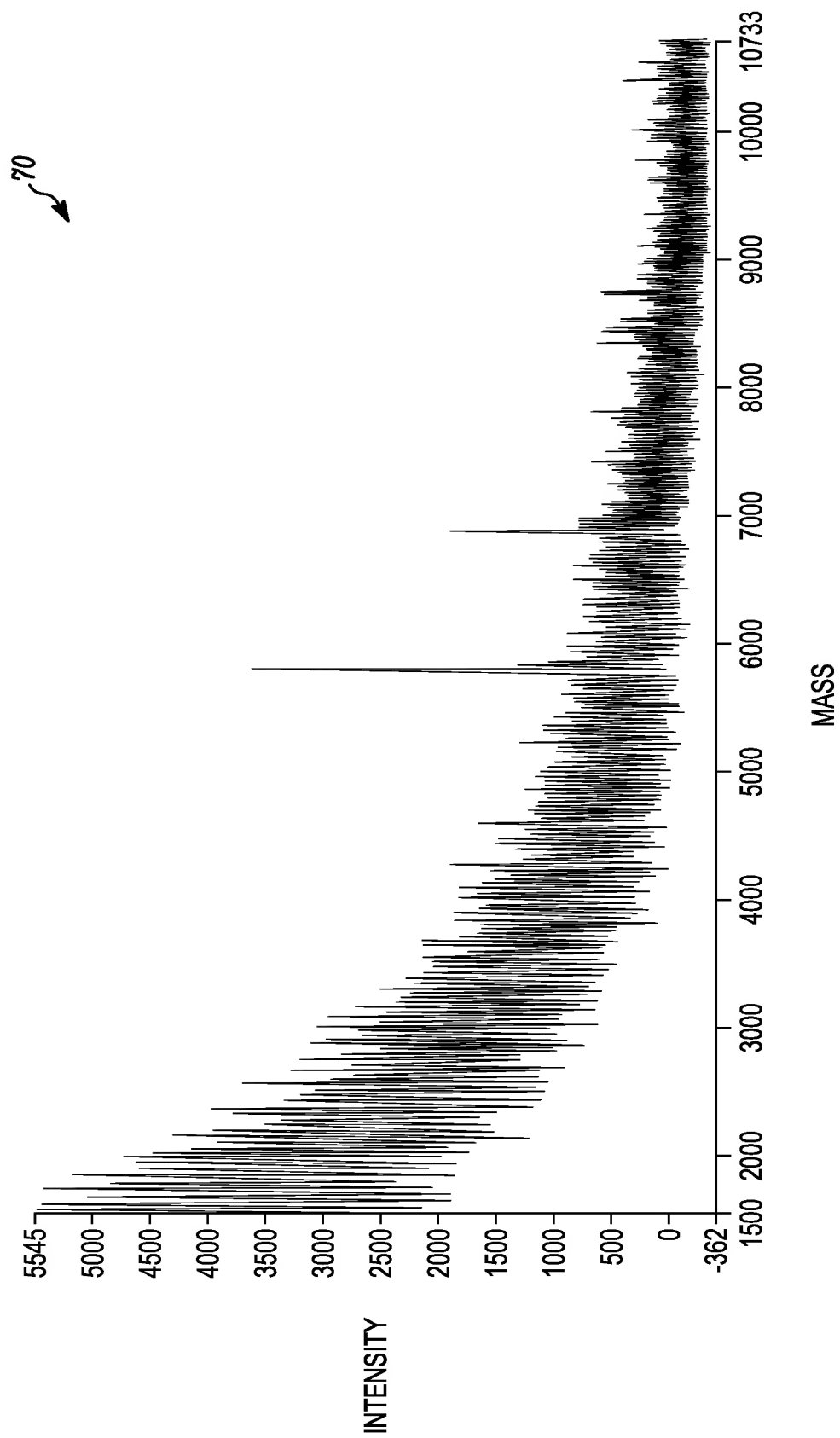
*FIG. 1*

*FIG. 2*

*FIG. 3*

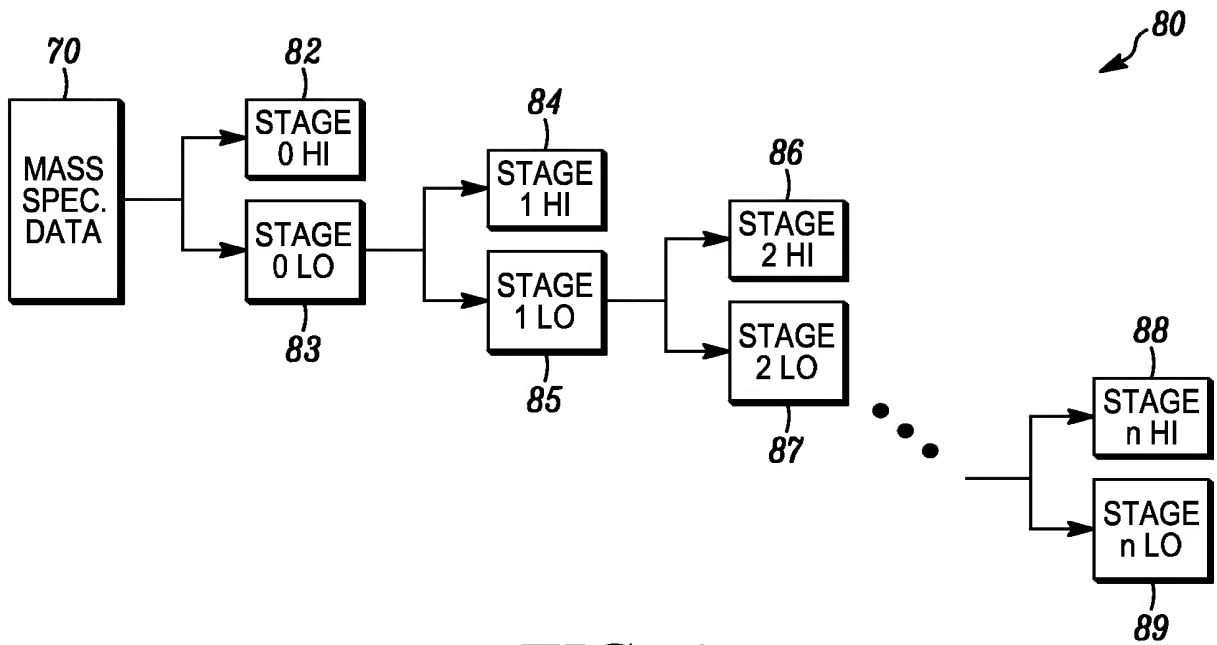


FIG. 4

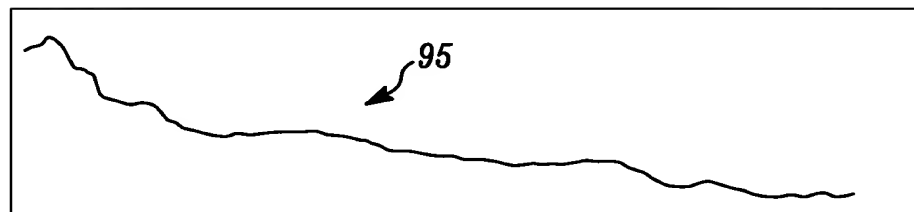
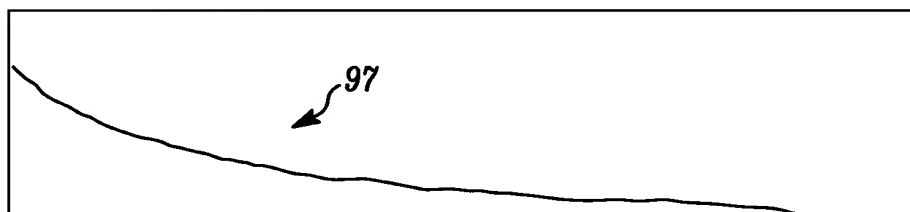


FIG. 5



EXP FITTING  
 $a_0 + a_1 \exp^x(a_2 m)$

FIG. 6

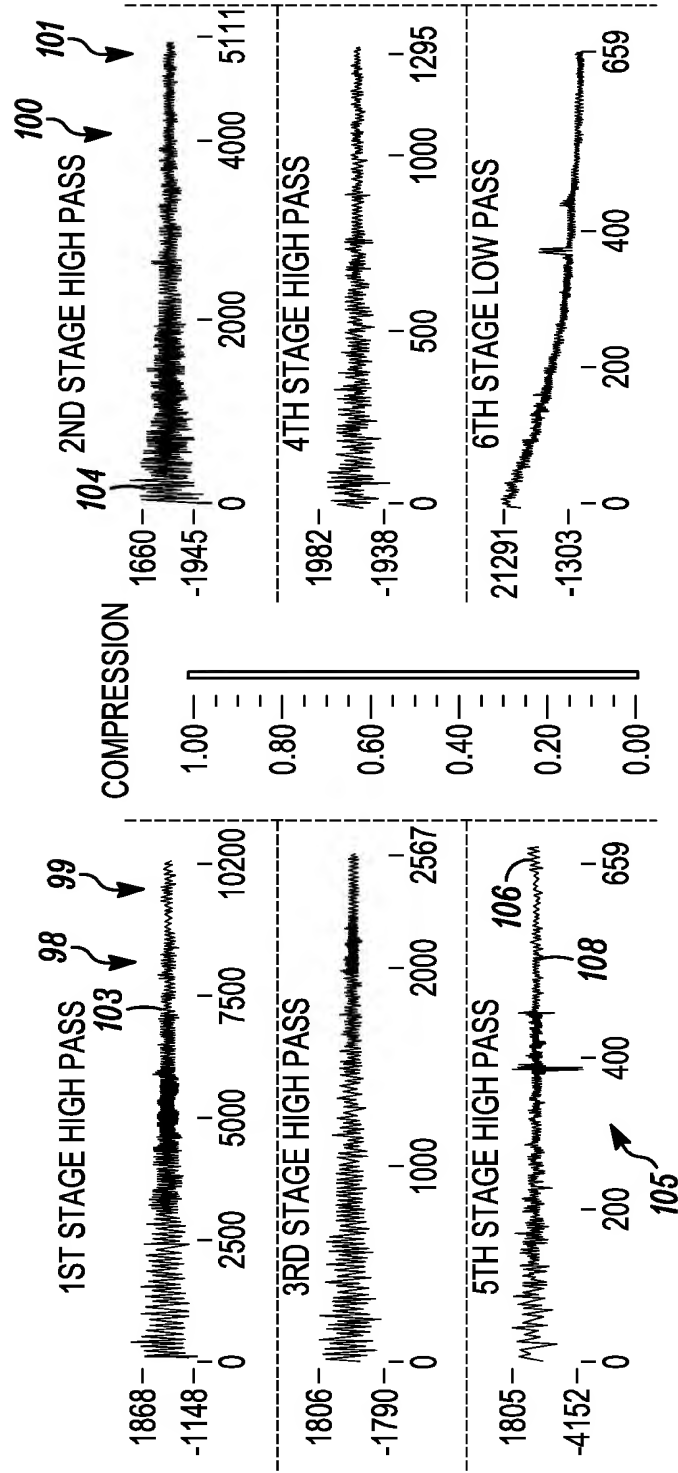
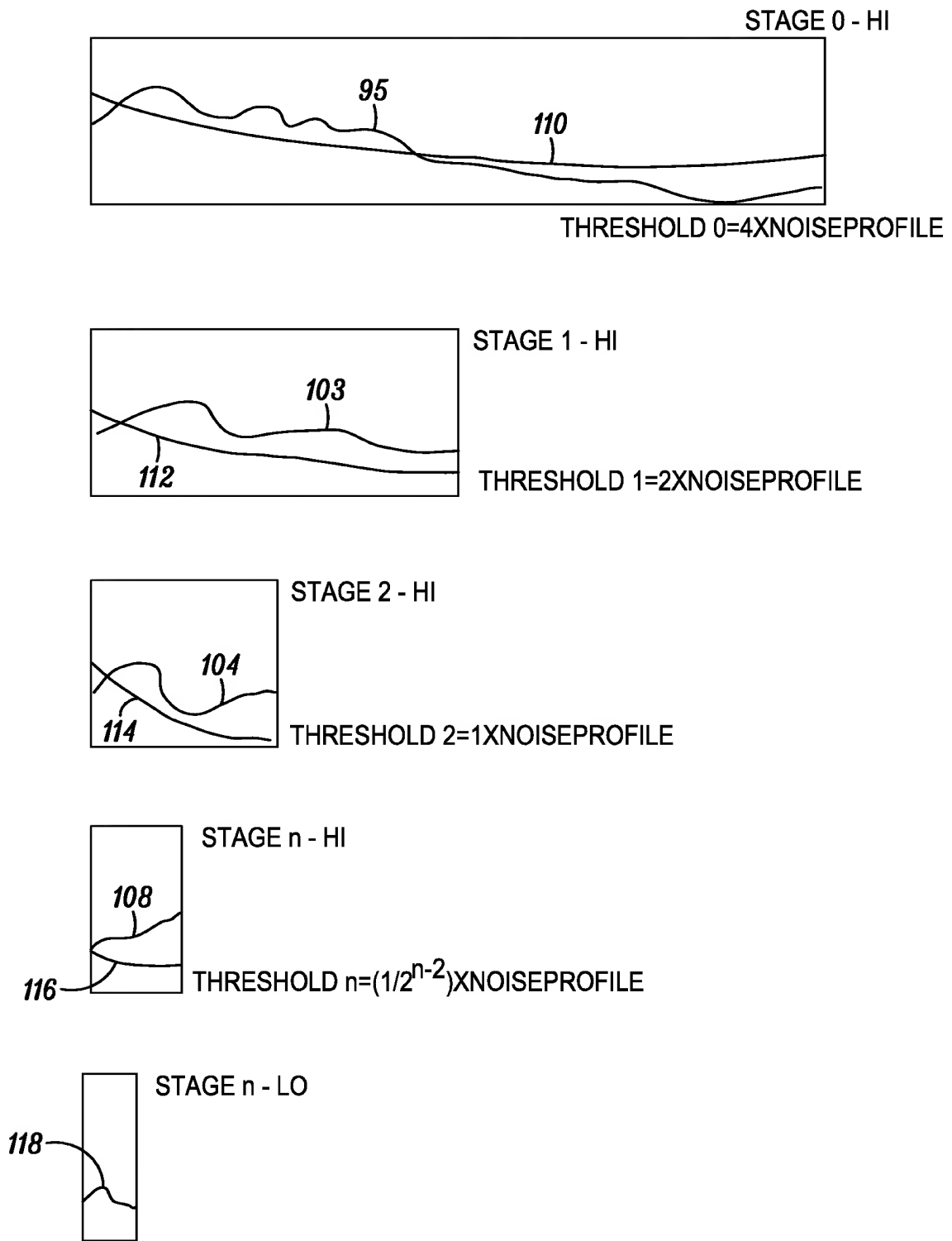


FIG. 7



*FIG. 8*

120

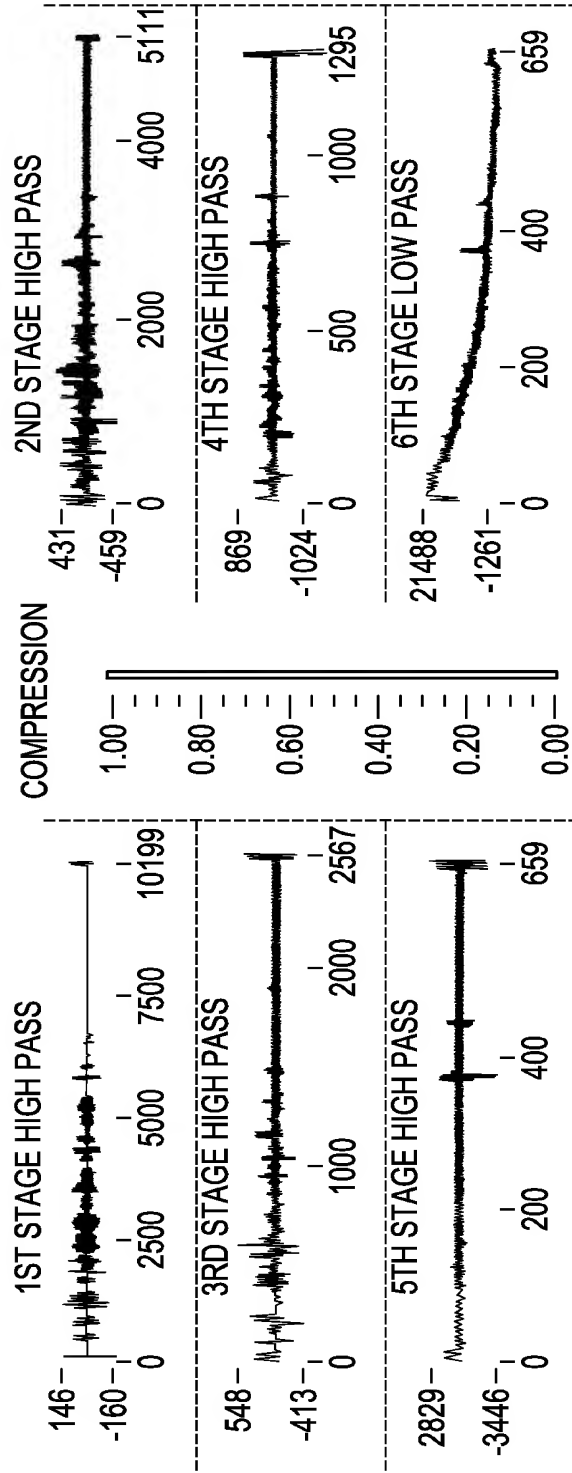
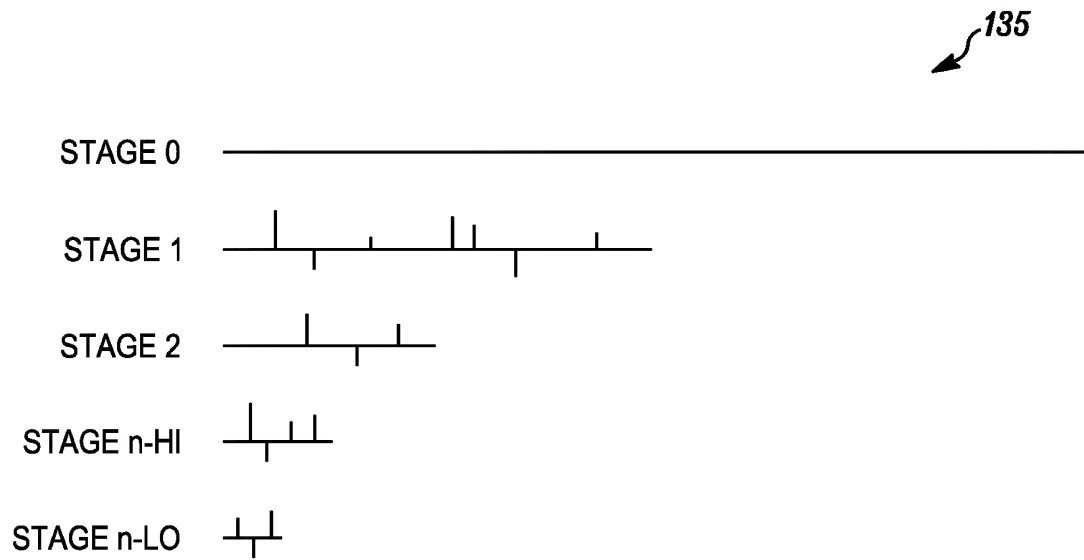
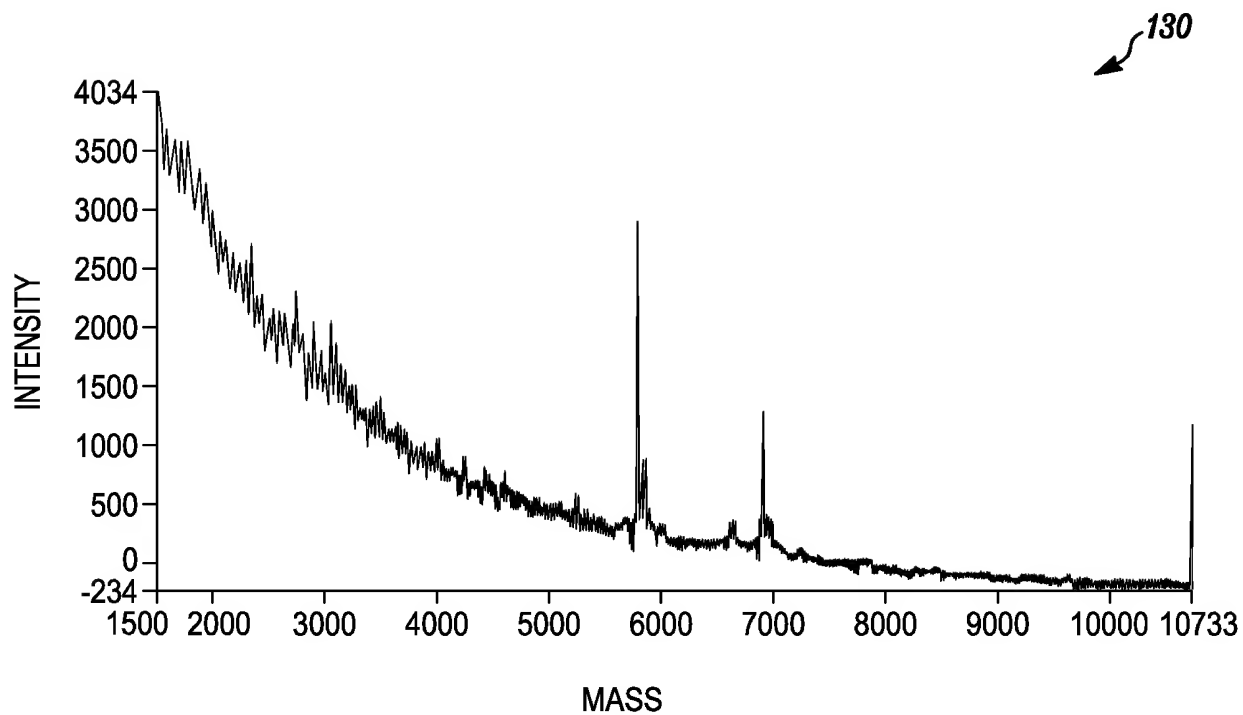
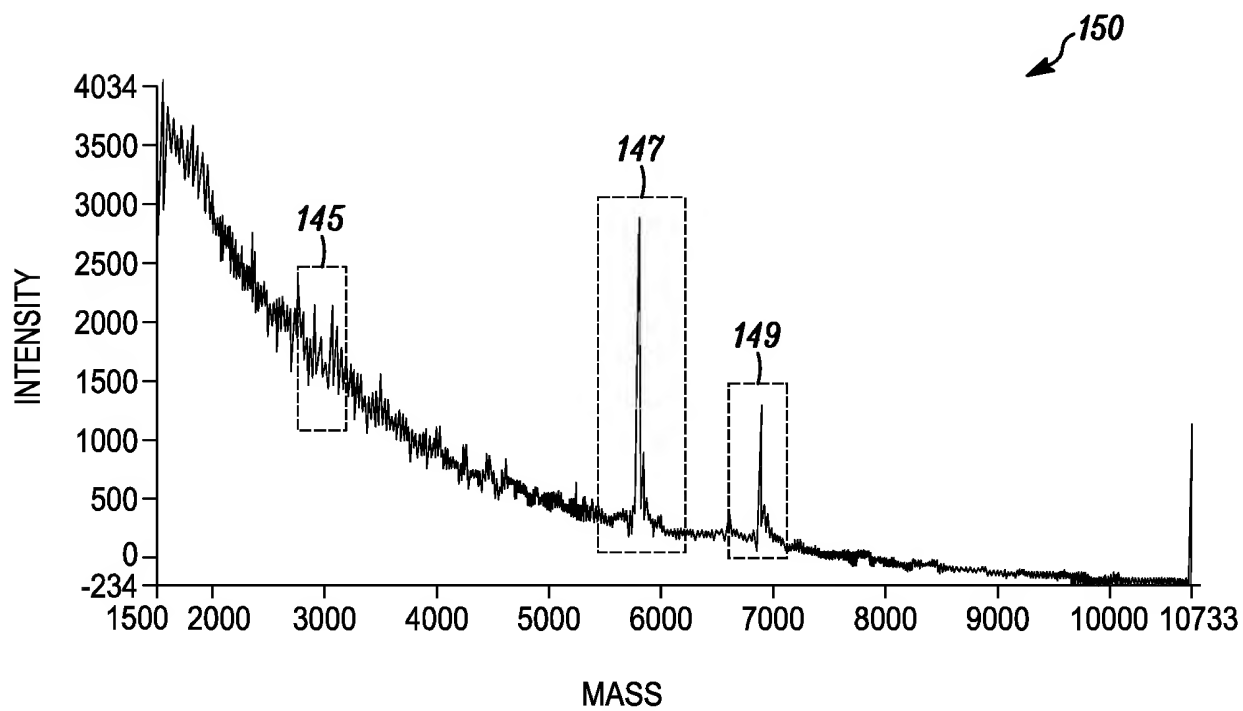


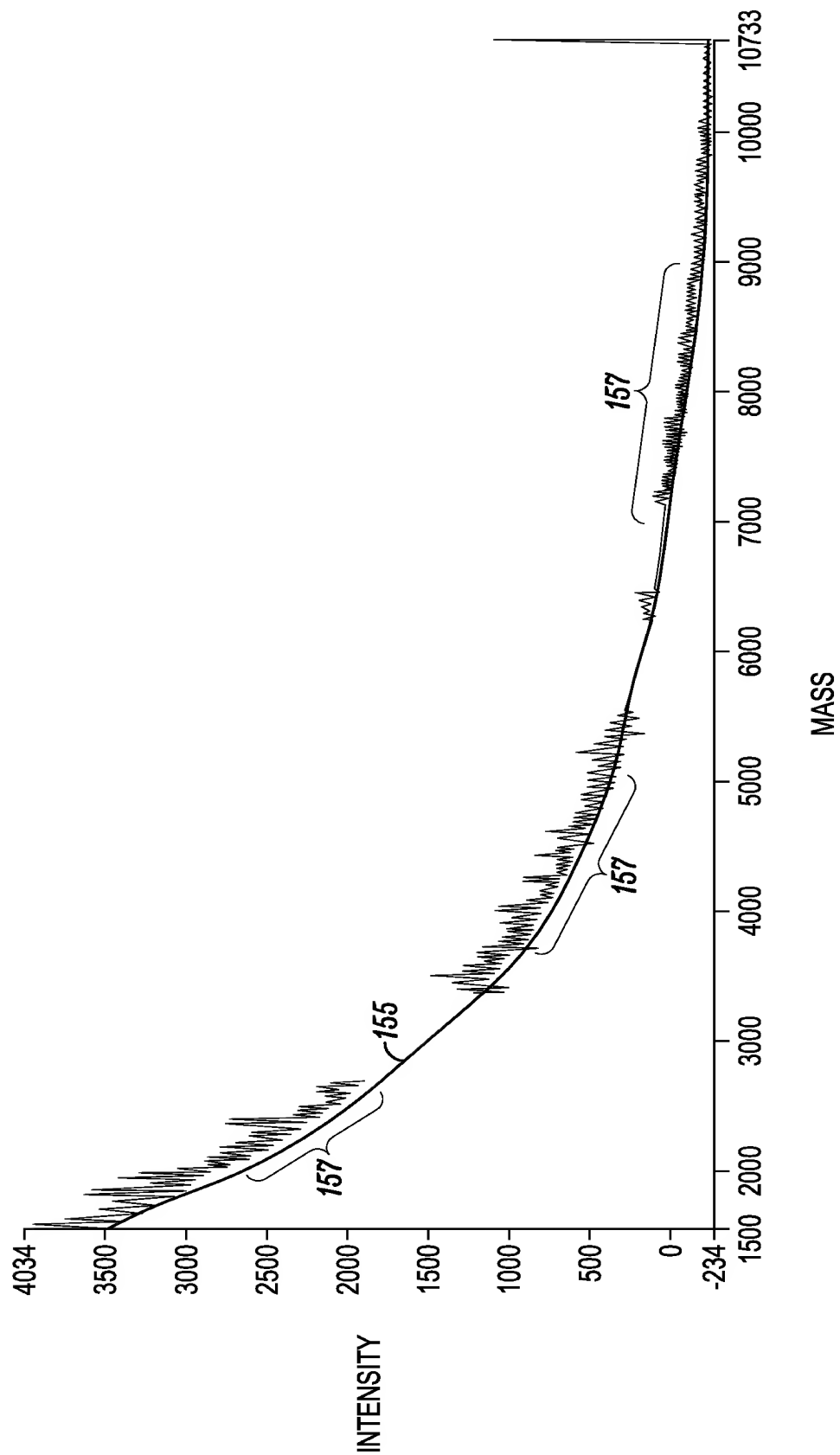
FIG. 9

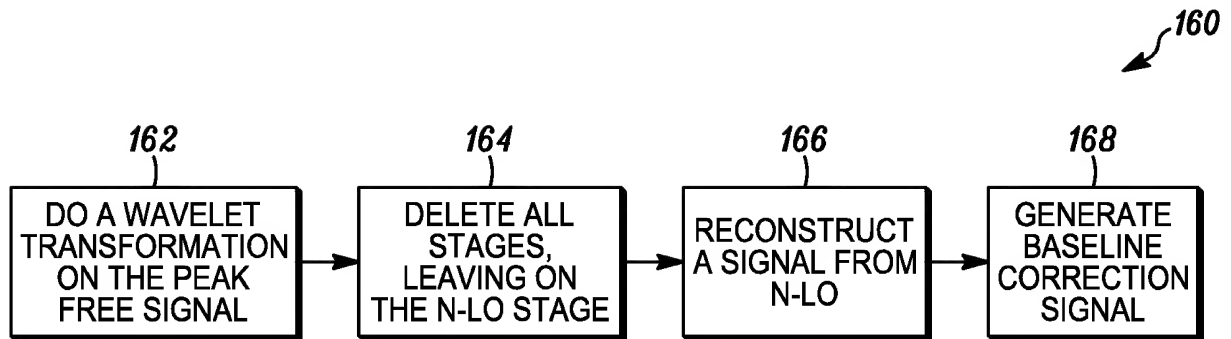
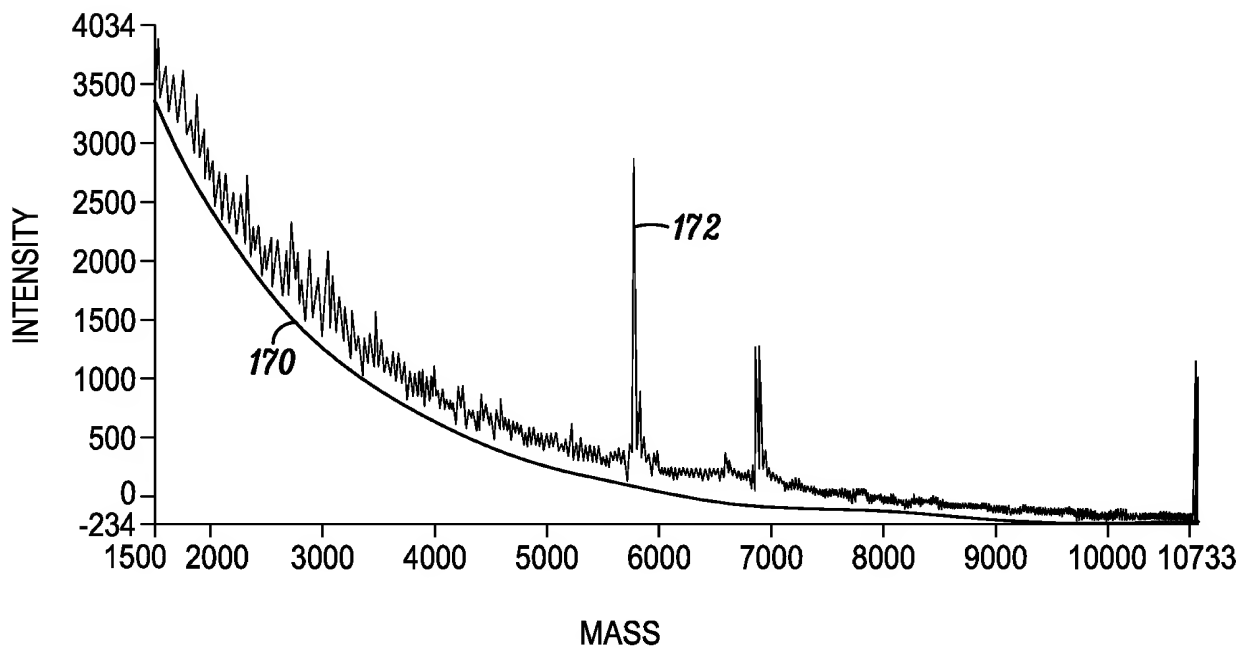
$$\text{SIGNAL}(t) = \frac{(\text{START } 0(t) + \text{START } 1(t) + \text{START } 2(t) \dots + \text{START } 23(t))}{24}$$

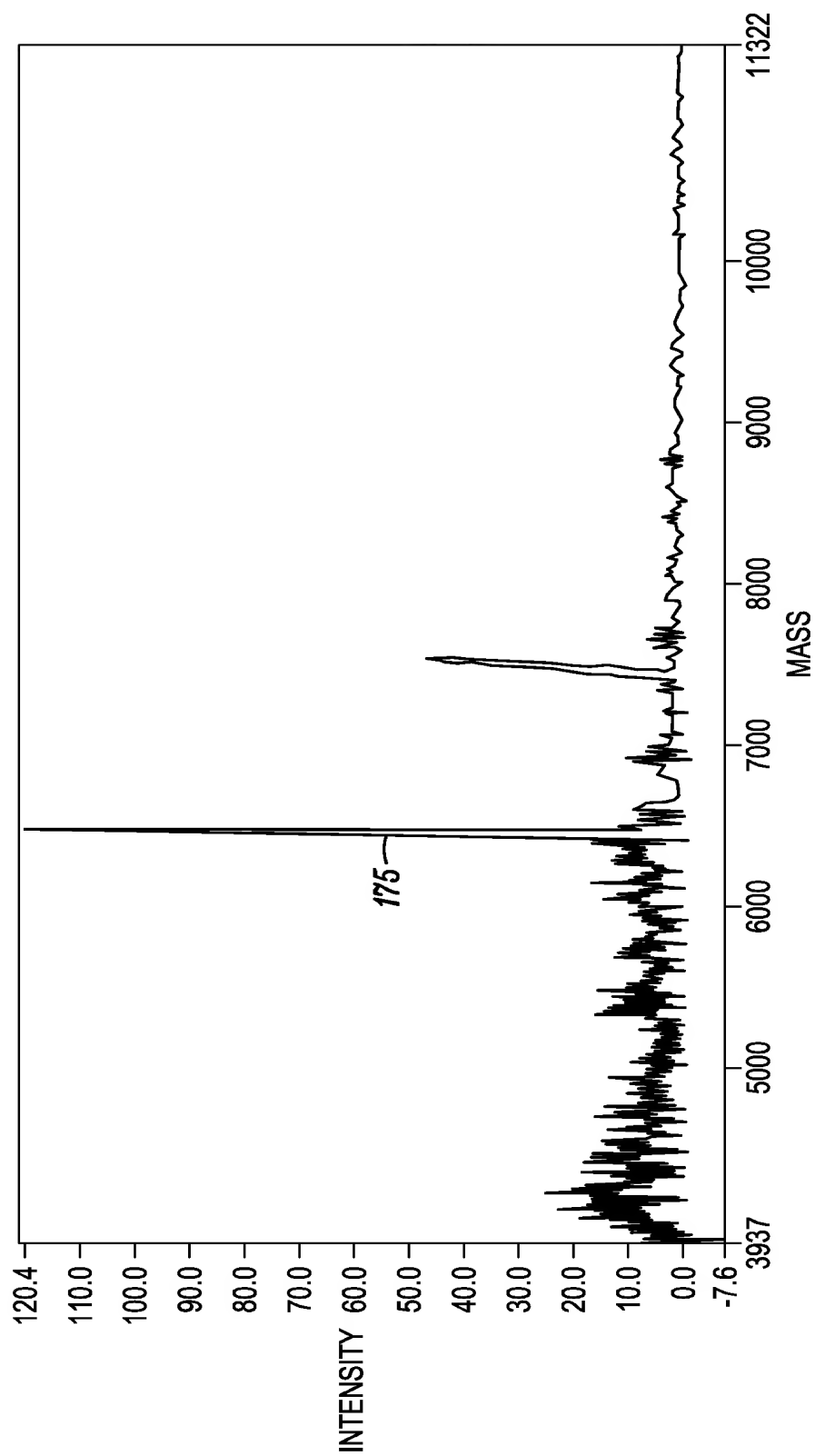
*FIG. 10**FIG. 11*



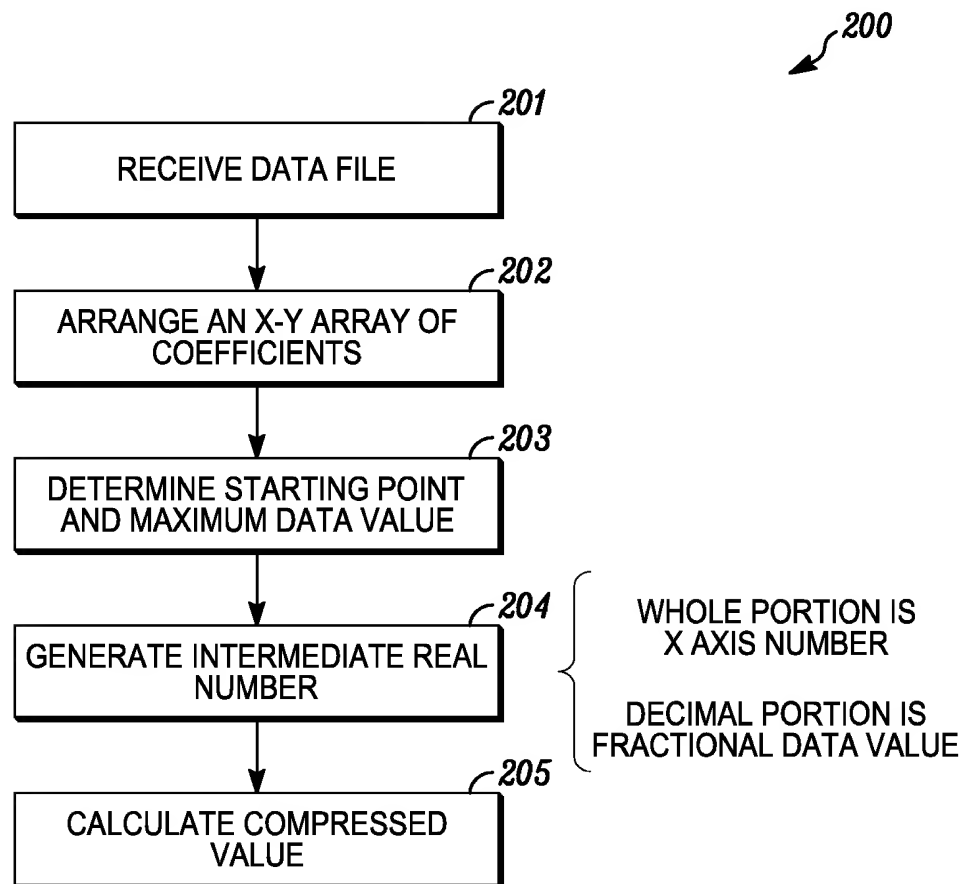
*FIG. 12**FIG. 13*

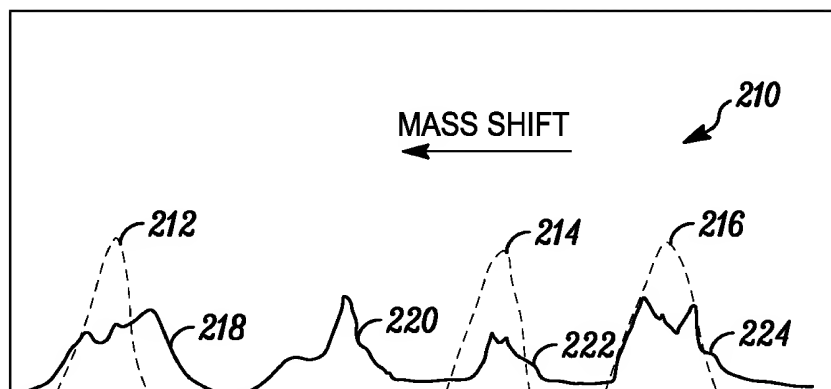
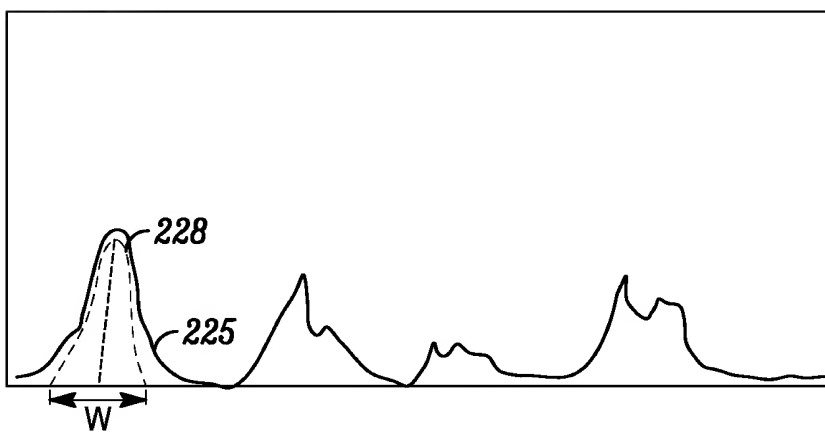


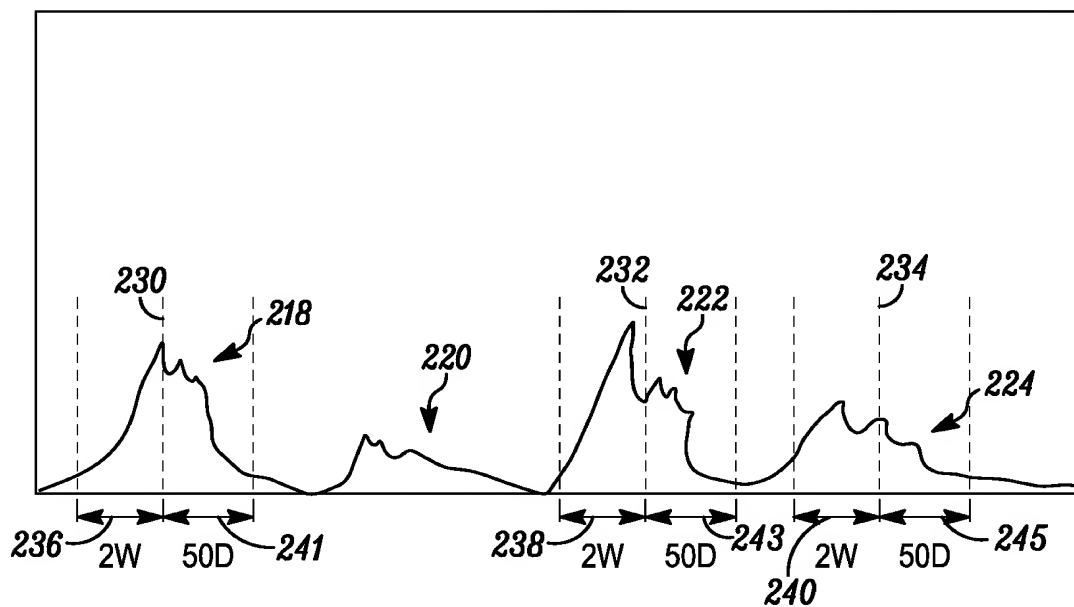
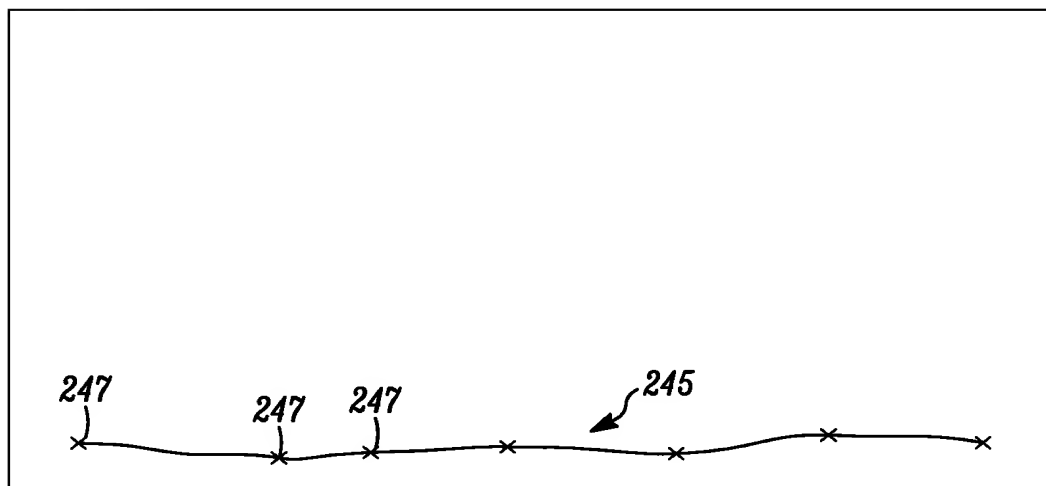
*FIG. 15**FIG. 16*

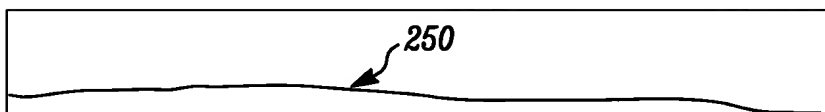
*FIG. 17*

NON-0 COEFFICIENTS	VALUE	INTERMEDIATE	RELATIVE
100	25	100.025	100.025
150	220	150.220	50.220
500	.1	500.0001	350.0001
10,050	800	10,050.8	9550.8
10,075	890	10,075.89	25.89
11,125	910	11,125.91	150.91
12,100	1000 (MAX)	12,100.99999	975.99999
13,250	940	13,250.94	1150.94

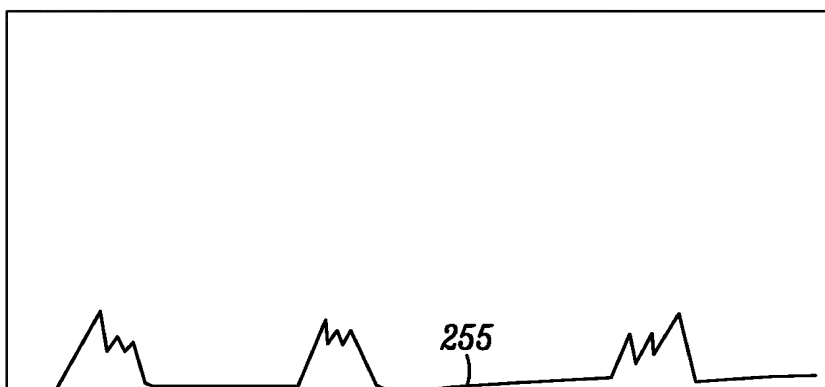
*FIG. 18**FIG. 19*

*FIG. 20**FIG. 21*

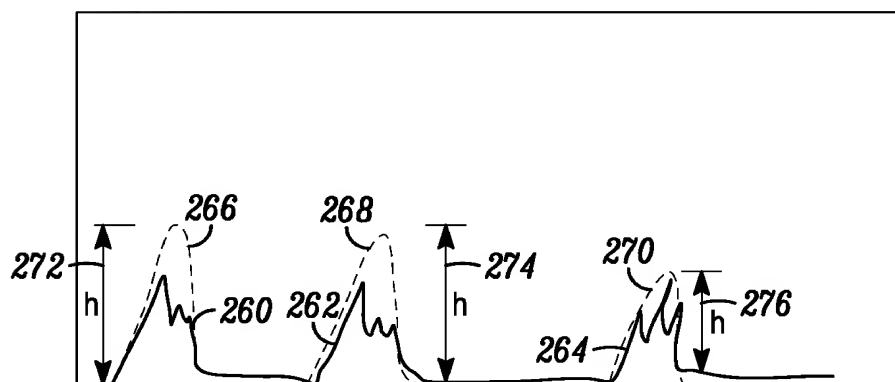
*FIG. 22**FIG. 23*



*FIG. 24*

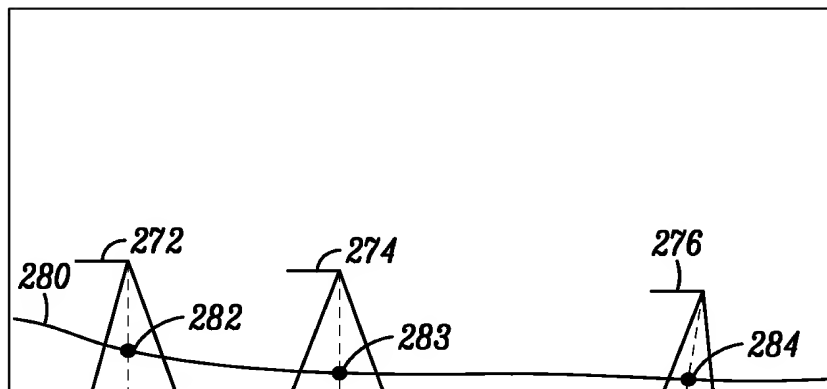


*FIG. 25*

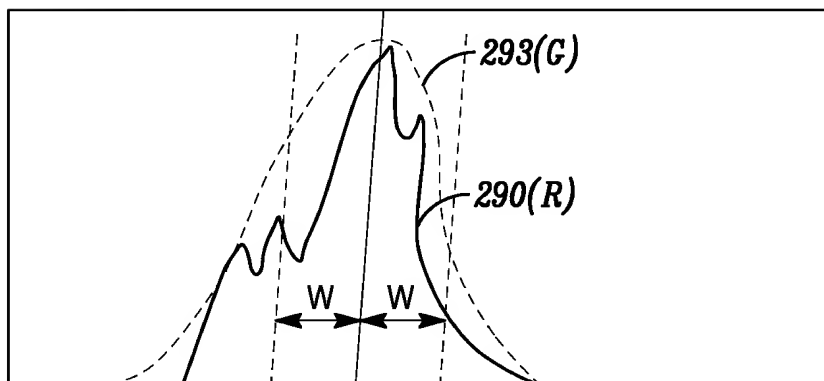


*FIG. 26*

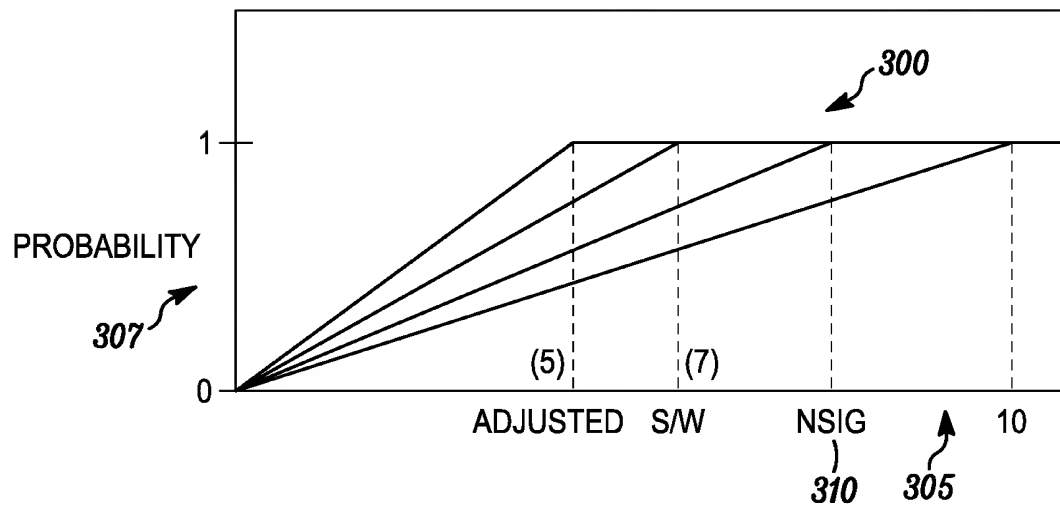




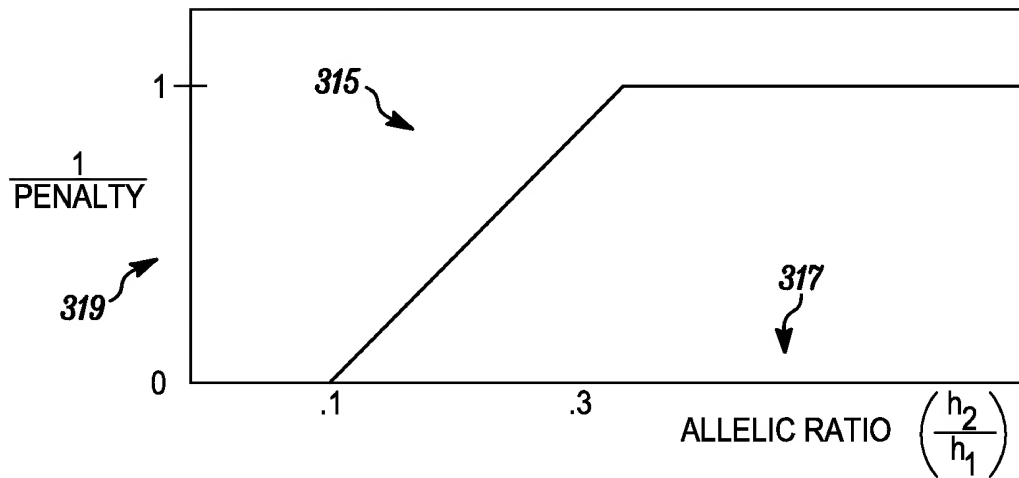
*FIG. 27*



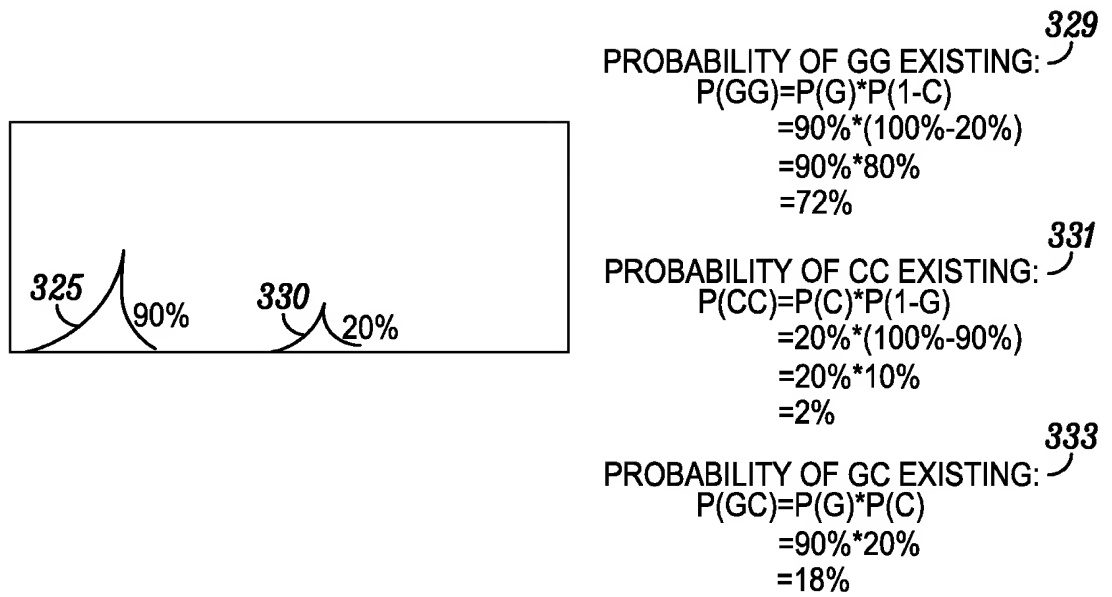
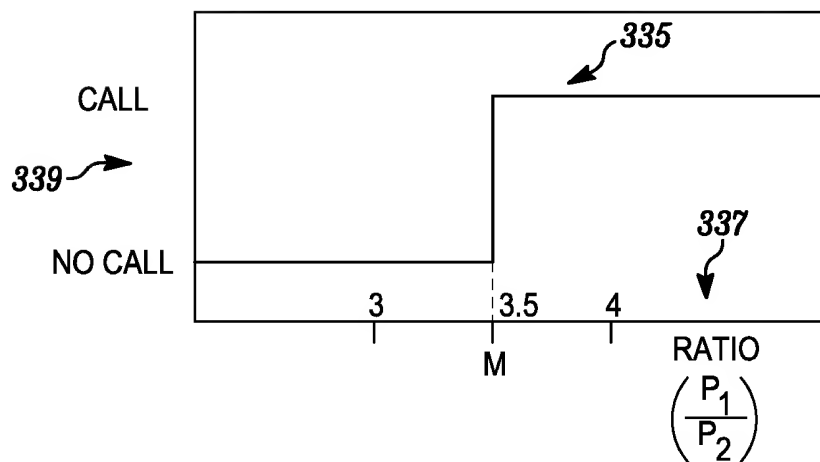
*FIG. 28*

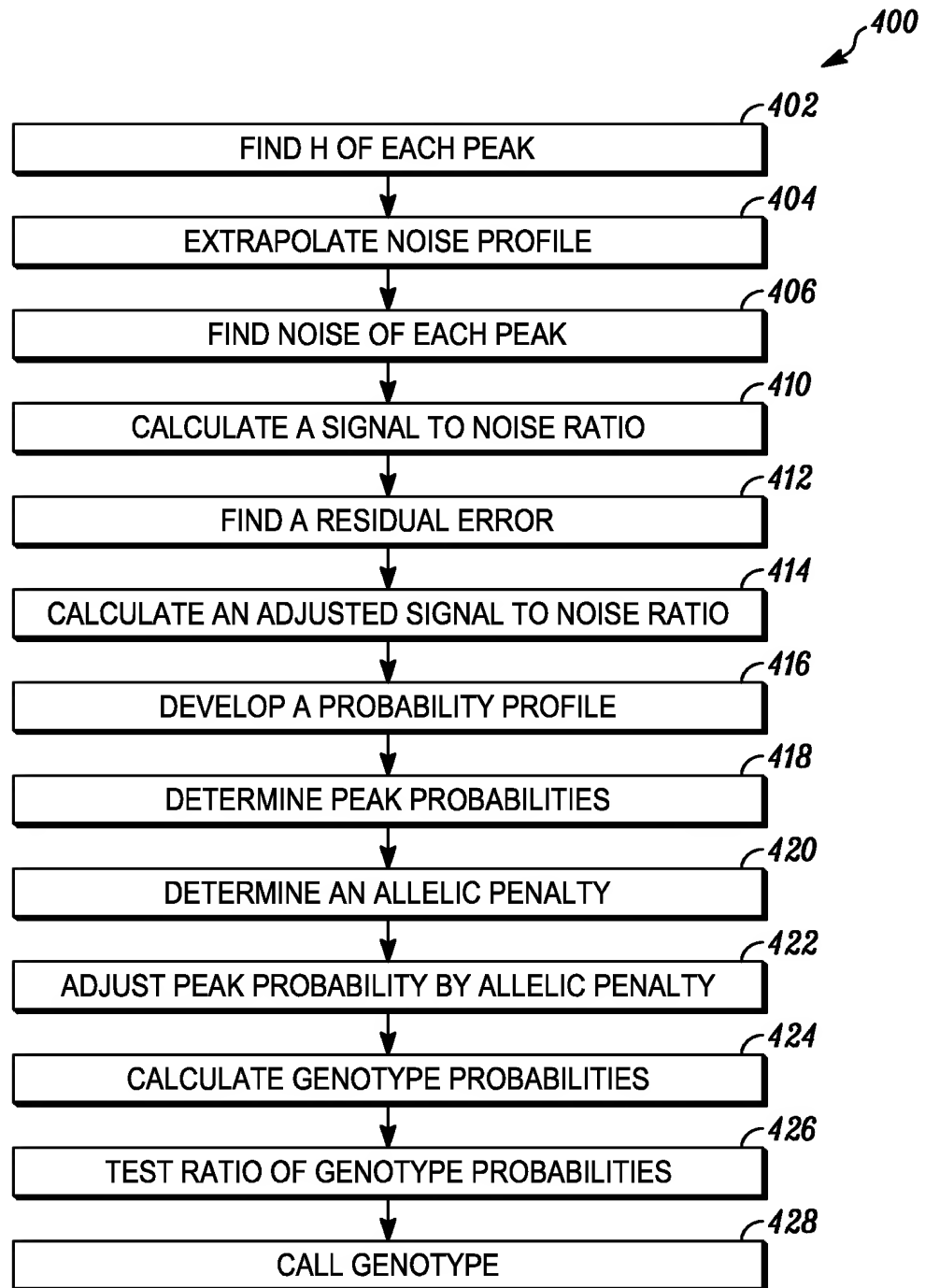


*FIG. 29*



*FIG. 30*

*FIG. 31**FIG. 32*

*FIG. 33*